GE Transportation

Optimization Solutions

ShipperConnect*

System for Rail Supply Chain Execution

GE imagination at work

The ShipperConnect System for Rail Supply Chain Execution provides shippers and 3PLs the software and solutions needed to manage rail operations, process inventory and control transportation assets.

Rail Carrier Interface

Rail Carrier Interface automates communications and sends instructions to the serving railroad, eliminating phone, fax, e-mail and errors!

- View rail cars in transit, placed or constructively placed
- Order and release railcars and provide handling instructions
- Create and send electronic bills of lading

Electronic Bill of Lading

Electronic Bill of Lading (e-BOL) allows rail and intermodal shippers to enter and electronically transmit bills of lading.

- Utilize industry EDI standards
- Create and maintain a database of repetitive billing patterns
- Receive railroad acknowledgement that a bill was approved or rejected
- Automate notifications to specified parties when a bill of lading is sent

Rail Track and Trace

Rail Track and Trace captures car location and reporting messages from more than 550 railroads in North America to provide real-time visibility on rail cars and inventory in transit.

- Manage location, status and storage of rail equipment
- Track rail cars in transit and ETAs to improve workflow scheduling
- Use trip records to analyze asset and carrier performance

Transload Management

Transload Management delivers precise inventory control and workflow automation to process loading, unloading and transfers between equipment and storage.

- Maintain LIFO/FIFO stocking and automatic replenishment
- View inventory, analyze consumption and forecast demand
- Manage inventory at a single location or across multiple terminals
- Integrate with ERP systems and EDI data sources

Demurrage Management

Demurrage Management captures demurrage events, calculates charges and monitors billing by railroad.

- Manage complex rate structures and exception criteria
- Maintain a "shipper view" of demurrage, detention and storage costs
- Check and audit railroad invoices to increase billing accuracy

Rail Fleet Optimization

Rail Fleet Optimization manages network complexity and maximizes equipment yield.

- Improve shipment planning and maximize equipment yield
- Manage dynamic and random variables to maximize performance
- Optimize network complexity and rail performance to drive ROI

Rail Yard Management

Rail Yard Management provides a graphical view of a shipper's facility and enables workflow planning, task automation and management of rail car inventory.

- Manage and process rail cars in the yard
- Assign cars for loading, unloading and out-bound processing
- Integrate with AEI scanners to record railcar movements

- **View rail assets and inventory in transit**
- **Manage railcar maintenance and repairs**
- **Process inventory transfers**
- **Reduce demurrage and storage charges**
- **Optimize rail fleet performance**
- **Automate rail yard tasks and workflow**

Railcar Maintenance Management System (MMS)

Railcar Maintenance Management System allows railcar owners to manage and maintain their fleet and control repair costs.

- Monitor maintenance repairs and costs
- Manage lease rebilling, track exceptions and audit repairs
- Plan and forecast scheduled maintenance

GE Transportation's Optimization Solutions business offers solutions for the world's toughest rail challenges

GE Transportation's sophisticated products and software applications optimize operations, assets, networks and energy use, helping the rail industry reduce expenses, expand capacity and decrease fuel consumption and emissions.

GE Transportation - Optimization Solutions is a leading provider of transportation management software and analytics to the railroad industry. Optimization Solutions offers integrated rail transportation solutions for enterprise-wide data integration and sharing. Optimization Solutions solve the world's toughest rail transportation challenges by leveraging in-depth knowledge of rail operations, intermodal terminal operating systems, and multi-modal transportation management to provide Software as a Service and licensed solutions to railroads and industrial shippers. Optimization Solutions software is used to manage rail and intermodal operations, signal and communication assets, railcar repair billing and inventory, and multi-modal visibility, planning, and execution for industrial shippers and logistics service providers.

RailConnect[†]
Rail Transportation Management System

OASIS[‡]
Intermodal Terminal Operations System

RailDOCS[§]
Maintenance • Compliance • Configuration System

ExpressYard[¶]
Repair Billing • Railcar Maintenance Management System

ShipperConnect
Visibility • Execution • Planning System

GE Transportation's technology breakthroughs continue

GE Transportation Optimization Solutions offers an integrated rail transportation software platform for enterprise-wide data integration and sharing. Coupled with advanced analytics, digital dashboards and contemporary mobility, this platform helps mining and rail freight customers plan and optimize business outcomes, mission-critical operations and asset utilization. This enables fast decision making and real-time monitoring of key performance indicators (KPIs).

To learn more,
visit www.getransportation.com/rail/software

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*ShipperConnect System for Rail Supply Chain Execution, [†]RailConnect Transportation Management System, [‡]OASIS Intermodal Terminal Operating System, [§]RailDOCS Wayside Asset Management System, [¶]ExpressYard System for Railcar Maintenance Management, Repair Billing and Inspection, and are trademarks of General Electric Company.

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